

What is claimed is:

1. A documentation camera having a lens unit for imaging a subject, the lens unit having a zooming function, comprising:

5                    zooming magnification detecting means for detecting a magnification based on the zooming function; and

                    trapezoidal distortion correcting means for correcting a trapezoidal distortion of an image captured by the lens unit depending on the magnification detected by said zooming magnification detecting means.

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                    2. A documentation camera according to claim 1, wherein said trapezoidal distortion correcting means has memory means for storing parameters required to correct a trapezoidal distortion of an image, in association with each of magnifications detected by said zooming magnification detecting means, and said trapezoidal distortion correcting means reads parameters corresponding to the magnification detected by said zooming magnification detecting means from said memory means, and corrects the trapezoidal distortion according to the read parameters.

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20                    3. A documentation camera according to claim 1, wherein said lens unit is positionable so as to be displaced offset from a position directly above said subject, further comprising:

                    shifting means for shifting a displayed position of the image depending on said offset.

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4. A documentation camera according to claim 2, wherein said

lens unit is positionable so as to be displaced offset from a position directly above said subject, and said memory means stores parameters required to shift a displayed position of the image depending on said offset, further comprising:

5                   shifting means for reading parameters required to shift a displayed position of the image depending on said offset, from said memory means, and shifting the displayed position of the image according to the read parameters.

10                   5. A documentation camera according to claim 3, wherein said shifting means shifts the displayed position of the image whose trapezoidal distortion has been corrected by said trapezoidal distortion correcting means.

15                   6. A documentation camera according to claim 4, wherein said shifting means shifts the displayed position of the image whose trapezoidal distortion has been corrected by said trapezoidal distortion correcting means.

20                   7. A method of controlling operation of a documentation camera having a lens unit for imaging a subject, the lens unit having a zooming function, comprising the steps of:  
                    detecting a magnification based on the zooming function; and  
                    correcting a trapezoidal distortion of an image captured by the lens unit depending on the magnification which is detected.

25                   8. A method according to claim 7, further comprising the step of:

providing memory means for storing parameters required to correct a trapezoidal distortion of an image, in association with each of magnifications which are detected;

wherein said step of correcting a trapezoidal distortion  
5 comprises the steps of reading parameters corresponding to the magnification which is detected from said memory means, and correcting the trapezoidal distortion according to the read parameters.

9. A method according to claim 7, further comprising the steps  
10 of:

positioning said lens unit so as to be displaced offset from a position directly above said subject; and

shifting a displayed position of the image depending on said offset.

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10. A method according to claim 8, further comprising the steps of:

positioning said lens unit so as to be displaced offset from a position directly above said subject;

20 storing in said memory means parameters required to shift a displayed position of the image depending on said offset; and

reading parameters required to shift a displayed position of the image depending on said offset, from said memory means, and shifting the displayed position of the image according to the read parameters.

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11. A method according to claim 9, wherein said step of

shifting the displayed position of the image is carried out after said step of correcting the trapezoidal distortion.

12. A method according to claim 10, wherein said step of
- 5 shifting the displayed position of the image is carried out after said step of correcting the trapezoidal distortion.